

INTERNATIONAL SEARCH REPORT

International Application No
PCT/BR2004/000197

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H02P1/44		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 H02P		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 840 437 A1 (EMERSON ELECTRIC CO) 6 May 1998 (1998-05-06) column 2, line 44 - column 14, line 14; figures 1-3	1-11
A	GB 997 433 A (LICENTIA PATENT-VERWALTUNGS-G.M.B.H.) 7 July 1965 (1965-07-07) page 1, line 40 - page 2, line 62; figures 1-3	1-11
A	US 4 455 521 A (DAY ET AL) 19 June 1984 (1984-06-19) column 2, line 50 - column 6, line 35; figures 1-5	1-11
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<div style="display: flex; justify-content: space-between;"> <input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex. </div>		
<div style="display: flex;"> <div style="flex: 1;"> <p>* Special categories of cited documents:</p> <p>*A* document defining the general state of the art which is not considered to be of particular relevance</p> <p>*E* earlier document but published on or after the international filing date</p> <p>*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>*O* document referring to an oral disclosure, use, exhibition or other means</p> <p>*P* document published prior to the international filing date but later than the priority date claimed</p> </div> <div style="flex: 1;"> <p>*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>* & * document member of the same patent family</p> </div> </div>		
Date of the actual completion of the international search	Date of mailing of the international search report	
31 January 2005	07/02/2005	
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Davis, A	

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 2 088 658 A (ELECTRICITY COUNCIL THE) 9 June 1982 (1982-06-09) page 2, line 52 - page 5, line 87; figures 1-4	1-11
A	FR 2 585 900 A1 (LEROY SOMER MOTEURS) 6 February 1987 (1987-02-06) page 4, line 15 - page 7, line 16; figures 1,2	1-11

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0840437	A1	06-05-1998	US 5892349 A CA 2215090 A1 JP 10136679 A	06-04-1999 29-04-1998 22-05-1998
GB 997433	A	07-07-1965	NONE	
US 4455521	A	19-06-1984	CA 1174269 A1	11-09-1984
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FR 2585900	A1	06-02-1987	NONE	